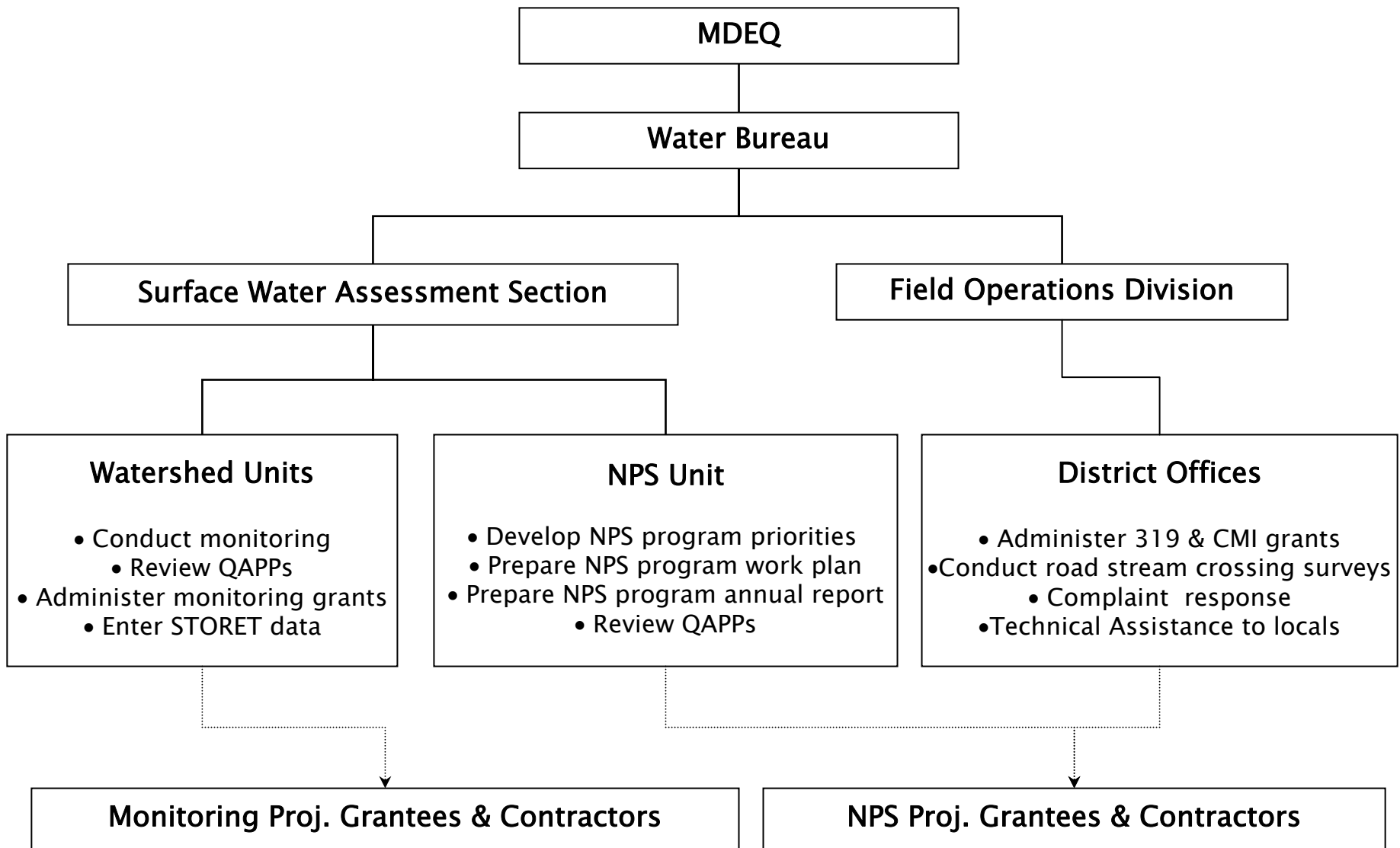


Michigan's Nonpoint Source Environmental Monitoring Strategy





Strategy Purpose

- Describe how Michigan's water monitoring programs support the pollution control efforts of the Nonpoint Source (NPS) program.
 - Describe how nonpoint source related monitoring priorities are set.
 - Describe how monitoring is used to track improvements in water quality following implementation of nonpoint source controls.
 - Describe how monitoring results are communicated and used to make decisions.

Statewide Trend Monitoring



NPS Problem Identification Monitoring



TMDL Development and Effectiveness Monitoring



NPS Project Effectiveness Monitoring



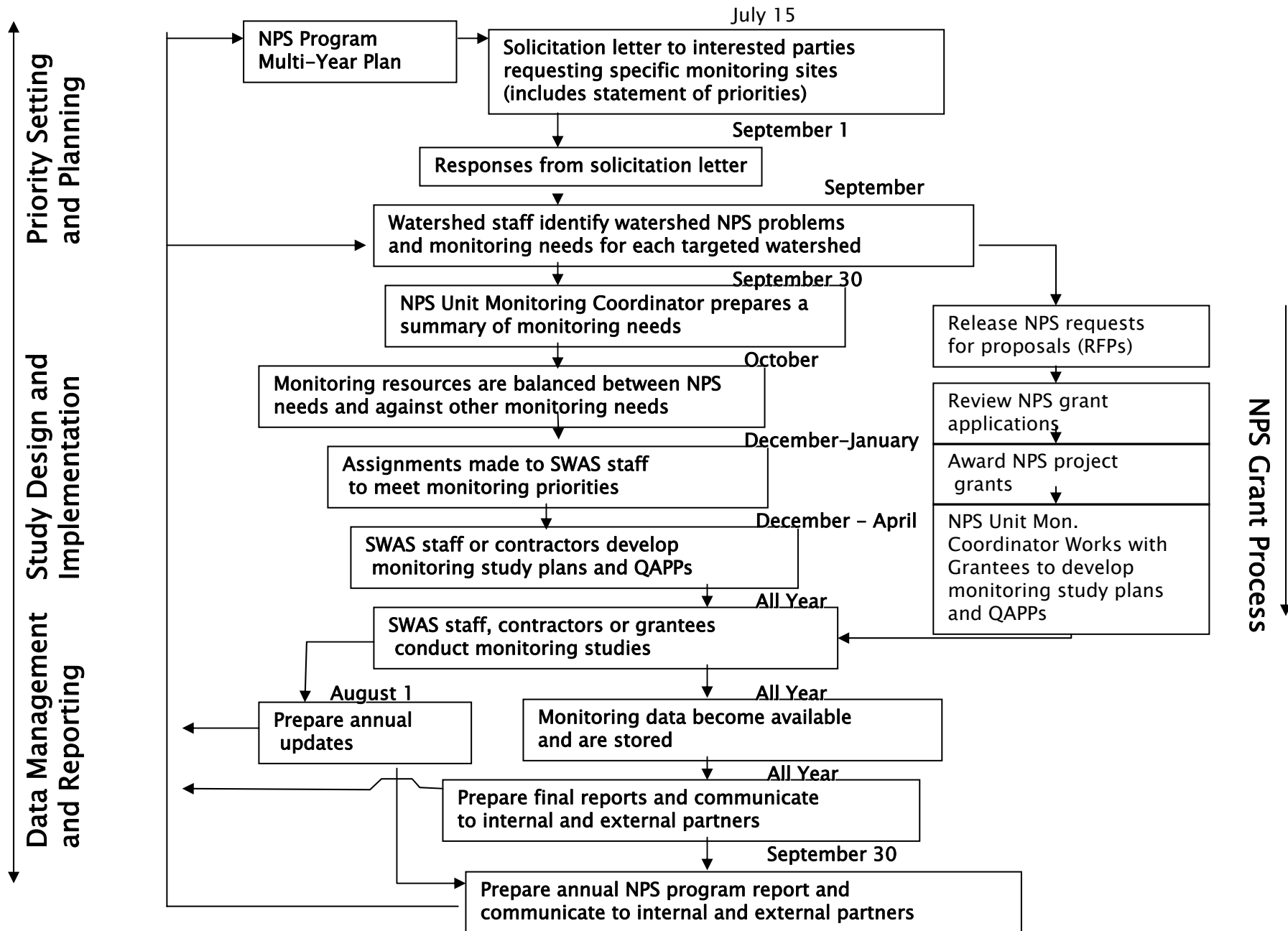


Figure II-1. Water Quality Monitoring and Nonpoint Source Program Integration

Lessons Learned

- Program requires flexibility to respond to monitoring requests on short notice.
- Difficulty selecting “show case” monitoring projects:
 - Difficulty selecting sites with proper controls.
 - Difficulty applying sufficient NPS pollution controls to yield measurable in-stream improvements.
 - Historical focus on demonstration projects.
- Need better information dissemination with regard to local units of government or watershed groups.
- Need better effort to focus resources (e.g., enforcement, technical assistance, education or outreach, or pass-through grants) to areas determined to have NPS related water quality impairments.

Strategy Available at:

www.michigan.gov/deqnps



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